

What is claimed is:

1. A pipe-cleaning bit for cleaning the inner circumferential surface of the end of a pipe when used in a power driver including at least one rotatable socket, said bit comprising:

5 a shaft presenting a rotational axis and being operable to removably couple with the socket; and  
a brush fixed relative to the shaft and including a plurality of bristles, at least some of which extend radially outward from the rotational axis, for cleaning the inner circumferential surface of the end of the pipe when the shaft is rotated.

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2. The bit as claimed in claim 1,  
said shaft presenting a socket end and an opposite brush end spaced from the socket end,  
said socket end including at least a portion thereof configured to be received in the  
15 socket.

3. The bit as claimed in claim 2,  
said at least a portion of the socket end defining a hexagonal cross section.

20 4. The bit as claimed in claim 1,  
said brush including a mandrel,  
said plurality of bristles being fixed relative to the mandrel and extending therefrom.

5. The bit as claimed in claim 4,  
25 said mandrel being generally coaxial with the rotational axis.

6. The bit as claimed in claim 4,  
said plurality of bristles being arranged around the mandrel in a coiled configuration.

30 7. The bit as claimed in claim 6,  
said plurality of bristles being formed of wire.

8. The bit as claimed in claim 7,  
said coiled configuration of the plurality of bristles presenting an outer  
circumferential margin that is oversized relative to the inner circumferential  
surface of the end of the pipe so that when the plurality of bristles are inserted  
5 into the end of the pipe the outside circumferential margin engages the inner  
circumferential surface of the end of the pipe.

9. A pipe-cleaning bit for cleaning the outside circumferential surface of the end of a pipe when used in a power driver including at least one rotatable socket, said bit comprising:

a shaft operable to removably couple with the socket;

5 a cylinder fixed relative to the shaft; and

a plurality of bristles fixed relative to the cylinder, at least some of which extend radially inward relative to the cylinder, for cleaning the outside circumferential surface of the end of the pipe when the shaft is rotated.

10 10. The bit as claimed in claim 9,  
said shaft presenting a socket end and an opposite cylinder end spaced from the socket end,  
said socket end including at least a portion thereof configured to be received in the socket.

15 11. The bit as claimed in claim 9,  
said at least a portion of the socket end defining a hexagonal cross section.

20 12. The bit as claimed in 10,  
said cylinder including a closed end adjacent the shaft and an open end opposite the closed end and spaced from the closed end,  
said plurality of bristles being located between the closed and open ends.

25 13. The bit as claimed in claim 12,  
said cylinder presenting an inner circumferential surface extending between the closed and open ends,  
said plurality of bristles being fixed relative to the inner circumferential surface and extending therefrom.

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14. The bit as claimed in claim 13,  
said shaft presenting a rotational axis,  
said inner circumferential surface being spaced from said rotational axis,  
said plurality of bristles extending from the inner circumferential surface toward said  
5 rotational axis.

15. The bit as claimed in claim 14,  
said plurality of bristles being formed of wire.

10 16. The bit as claimed in claim 15,  
said plurality of bristles presenting an inner circumferential margin spaced from the  
rotational axis,  
said inner circumferential margin being undersized relative to the outer  
circumferential surface of the end of the pipe so that when the end of the pipe  
15 is inserted into the cylinder, the inner circumferential margin engages the  
outer circumferential surface of the end of the pipe.

17. A double-ended driver for selectively rotating at least a first and a second bit, said driver comprising:

a housing;

5 a first socket rotatably supported on the housing and operable to removably receive the first bit;

a second socket rotatably supported on the housing and being spaced from the first socket and operable to removably receive the second bit; and

10 a motorized power source at least partially contained within the housing and being in power communication with the first and second sockets for selectively rotating the sockets.

18. The driver as claimed in claim 17,  
said housing being generally tubular shaped and sized to fit in the hand of a user,  
said housing presenting a center rotational axis.

19. The driver as claimed in claim 18,  
said housing presenting axially opposite first and second ends,  
said first socket being supported adjacent the first end for rotation about the rotational axis.

20. The driver as claimed in claim 19,  
said second socket being adjacent the second end for rotation about the rotational axis.

21. The driver as claimed in claim 17,  
said first and second sockets each including a chucking mechanism for adjustably securing a bit received in the socket.

22. The driver as claimed in claim 17,  
30 said first and second sockets being independently and reversably rotatable.

23. The driver as claimed in claim 17,  
said motorized power source being self-contained within the housing.

24. The driver as claimed in claim 23,  
said motorized power source including a battery.

25. In a power driver, a pipe-cleaning bit for cleaning the end of a pipe,  
the bit comprising:

a shaft rotatable about a rotational axis; and

a plurality of bristles fixed relative to the shaft and operable to clean the end of the  
pipe when the shaft is rotated.

26. In the power driver as claimed in claim 25,  
said bit being removably received in the power driver.

27. In the power driver as claimed in claim 25,  
said plurality of bristles being fixed adjacent the rotational axis and extending  
therefrom so as to be operable to clean the inside of the pipe when the shaft  
is rotated.

28. In the power driver as claimed in claim 25,  
said plurality of bristles being fixed at a location that is spaced from the rotational  
axis and extending therefrom toward the rotational axis so as to be operable  
to clean the outside of the pipe when the shaft is rotated.

29. A tool for cleaning the inside and outside circumferential surfaces of the end of a pipe, said tool comprising:

- 5 a driver including a first socket, a second socket spaced from the first socket, and a motorized power source in power communication with the first and second sockets for selectively rotating the sockets;
- an inner pipe-cleaning bit removably coupled to the first socket and being operable to clean the inside circumferential surface of the end of the pipe when the first socket is rotated; and
- 10 an outer pipe-cleaning bit removably coupled to the second socket and being operable to clean the outside circumferential surface of the end of the pipe when the second socket is rotated.



30. A method for cleaning the inside and outside circumferential surfaces of the end of a pipe, the method comprising the steps of:

- (a) coupling a wire brush to a power driver;
- (b) inserting the wire brush into the inside of the end of the pipe; and
- 5 (c) rotating the wire brush inside the pipe without rotating the hands of the user.

31. The method as claimed in claim 30, further comprising the steps of:

- (d) coupling a cylinder of wire bristles to the power driver so that the cylinder is spaced from the wire brush;
- 10 (e) removing the wire brush from the end of the pipe and inserting the end of the pipe into the cylinder; and
- (f) rotating the cylinder without rotating the hands of the user.

32. The method as claimed in claim 31, step (e) including the step of:

- 15 removing the wire brush from the end of the pipe without removing the wire brush from the power driver.

33. The method as claimed in claim 32, step (f) including the step of:

- 20 rotating the cylinder without rotating the wire brush.